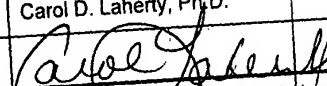


PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	480140.424D1
	First Inventor	Emad S. Alnemri
	Title	MCH4 AND MCH5, APOPTOTIC PROTEASE, NUCLEIC ACIDS ENCODING AND METHODS OF USE
	Express Mail Label No.	EV348172586US

23278 U.S. PTO
10/668955
09/22/03

APPLICATION ELEMENTS	ADDRESS TO:
See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. <input checked="" type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 39] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> Paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 13] 5. <input type="checkbox"/> Oath or Declaration [Total Sheets 7] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement of Power of (when there is an assignee) Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Check Copy of Revocation from TJU (+ Notice of Recordation); Copy of Revocation from IDUN (+Notice of Recordation); Copy of PTOL-305
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
18. If a CONTINUING APPLICATION OR APPLICATION CLAIMING FOREIGN PRIORITY, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) <input checked="" type="checkbox"/> Claims priority from U.S. application No. 09/952,768, filed 09/10/01 Group Art Unit: 1644 Prior application information Examiner Michail A. Belyavskiy For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	
19. CORRESPONDENCE ADDRESS <input type="checkbox"/> Correspondence address below or:	
Firm Name	
Address	
City, State, Zip	
Country	Fax
Telephone	Registration No. 51,909 (Attorney/Agent)
Name (Print/Type) Carol D. Laherty, Ph.D.	Date September 22, 2003
Signature 	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2003</h3> <p style="margin: 0; font-size: small;">Patent fees are subject to annual revision.</p>		<p style="margin: 0; font-size: x-small;"><i>Complete if Known</i></p>													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;"></td> </tr> <tr> <td>Filing Date</td> <td>September 22, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Emad S. Alnemri</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Attorney Docket No.</td> <td>480140.424D1</td> </tr> </table>		Application Number		Filing Date	September 22, 2003	First Named Inventor	Emad S. Alnemri	Examiner Name		Group Art Unit		Attorney Docket No.	480140.424D1
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Group Art Unit															
Attorney Docket No.	480140.424D1														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">TOTAL AMOUNT OF PAYMENT</td> <td style="width: 10%;">(\$)</td> <td style="width: 60%; text-align: right;">750</td> </tr> </table>		TOTAL AMOUNT OF PAYMENT	(\$)	750											
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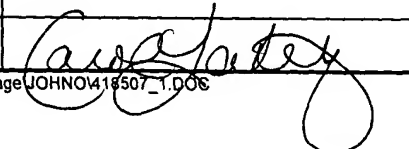
METHOD OF PAYMENT					
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<input type="checkbox"/> Deposit Account: <table style="width: 100%;"> <tr> <td style="width: 50%;">Deposit Account Number</td> <td style="width: 50%; border: 1px solid black; text-align: center;">19-1090</td> </tr> <tr> <td>Deposit Account Name</td> <td style="border: 1px solid black; text-align: center;">Seed Intellectual Property Law Group PLLC</td> </tr> </table>		Deposit Account Number	19-1090	Deposit Account Name	Seed Intellectual Property Law Group PLLC
Deposit Account Number	19-1090				
Deposit Account Name	Seed Intellectual Property Law Group PLLC				
<p style="font-size: x-small;">The Commissioner is authorized to (check all that apply)</p> <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any deficiencies to the above-identified deposit account.					

FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)
	1001	750	2001	375	Utility filing fee
	1002	330	2002	165	Design filing fee
	1003	520	2003	260	Plant filing fee
	1004	750	2004	375	Reissue filing fee
	1005	160	2005	80	Provisional filing fee
					750
SUBTOTAL (1)					(\$ 750)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					
Total Claims	5	-20** =	[]	* Fee from below	[]
Independent Claims	1	-3** =	[]	* Fee from below	[]
Multiple Dependent			[]	* Fee from below	[]
Large Entity Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)						
3. ADDITIONAL FEES						
Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description
	1051	130	2051	65		Surcharge - late filing fee or oath
	1052	50	2052	25		Surcharge - late provisional filing fee or cover sheet
	1053	130	1053	130		Non-English specification
	1812	2520	1812	2520		For filing a request for ex parte reexamination
	1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action
	1805	1840*	1805	1840*		Requesting publication of SIR after Examiner action
	1251	110	2251	55		Extension for reply within first month
	1252	410	2252	205		Extension for reply within second month
	1253	930	2253	465		Extension for reply within third month
	1254	1450	2254	725		Extension for reply within fourth month
	1255	1970	2255	985		Extension for reply within fifth month
	1401	320	2401	160		Notice of Appeal
	1402	320	2402	160		Filing a brief in support of an appeal
	1403	280	2403	140		Request for oral hearing
	1451	1510	1451	1510		Petition to institute a public use proceeding
	1452	110	2452	55		Petition to revive - unavoidable
	1453	1300	2453	650		Petition to revive - unintentional
	1501	1300	2501	650		Utility issue fee (or reissue)
	1502	470	2502	235		Design issue fee
	1503	630	2503	315		Plant issue fee
	1460	130	1460	130		Petitions to the Commissioner
	1807	50	1807	50		Processing fee for provisional applications
	1806	180	1806	180		Submission of Information Disclosure Stmt
	8021	40	8021	40		Recording each patent assignment per property (times number of properties)
	1809	750	2809	375		Filing a submission after final rejection (37 CFR § 1.129(a))
	1810	750	2810	375		For each additional invention to be examined (37 CFR § 1.129(b))
	1801	750	2801	375		Request for Continued Examination (RCE)
	1802	900	1802	900		Request for expedited examination of a design application
Other fee (specify) _____						
*Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$)

SUBMITTED BY			
Name (Print/Type)	Carol D. Laherty, Ph.D.	Registration No. Attorney/Agent	51,909
Firm Name/Address			
Signature		Date	September 22, 2003
			Customer Number <h2 style="margin: 0;">00500</h2>